Name _____   Math Teacher _____

Value of a Digit

Part 1. Wallace and Logan were arguing about the size of 2 numbers. Wallace thought eight-tenths was ten times larger than eight-hundredths. Logan thought eight-hundredths was ten times larger than eight-tenths. Who is correct?

Part 2. Imagine you are the boys' teacher. Draw a picture to help explain this concept to Wallace and Logan. Make sure you refer to place value in your explanation.

Part 3. Choose another pair of numbers that you could give to Wallace and Logan to assess whether they understand this concept. Which one is larger? How much larger?